

# Certificate of Analysis



Product Identification		Chemical Structure
Catalog number	HB1505	
Compound name	4-DAMP	
Chemical name	1,1-Dimethyl-4-diphenylacetoxypiperidinium iodide	
Batch number	E1640-4-1	
Batch molecular formula	C <sub>21</sub> H <sub>26</sub> INO <sub>2</sub>	
Batch molecular weight	451.35	
Method	QC requirement	QC Result
HPLC	Reverse Phase HPLC shows >98% purity	Meets specification: 100%
NMR	<sup>1</sup> H NMR in DMSO at 400 MHz consistent with structure	Meets specification
Mass spectrum	Electrospray positive analysis shows molecular ion	Meets specification
Microanalysis	Elemental analysis is within 0.4% for the batch molecular formula	Meets specification
Physical appearance	White to off-white solid	Meets specification: White solid
Solubility	Soluble in DMSO (25 mM)	Meets specification

Produced by

Signature

Passed by

Signature

Date

25-08-21

This product is for RESEARCH USE ONLY and is not intended for therapeutic or diagnostic use. Not for human or veterinary use.